

**ATCC**

SEARCH CATALOGS | SITE MAP | CONTACT US

ORDER | PRODUCTS | PROGRAMS & SERVICES | HOME

You may continue your word search on Cell Lines by typing in your search criteria below or go back to the [Cell Lines menu](#) and begin a new search. To choose another collection, go back to the main menu by clicking on "search catalogs" above. For complex searches, using boolean operators, the following characters must be used: & (for AND), | (for OR), ^ (for AND NOT). An asterisk (*) is used as the wildcard. For more information please review the [Search Help](#).

raji

Word Search

Clear Search

For query options, please read the [search help](#).

ATCC Number:	CCL-86 order this item
Organism:	<i>Homo sapiens</i> (human)
Designation:	Raji
Depositors:	W. Henle
Tissue:	Burkitt's lymphoma; B lymphocyte
Morphology:	lymphoblast
Comments:	EBNA positive. The Raji line of lymphoblast-like cells was established by R.J.V. Pulvertaft in 1963 from a Burkitt's lymphoma of the left maxilla of an 11-year-old Black male. [RF32578]
Age Stage:	11 years
Ethnicity:	Black
Gender:	male
Reverse Transcript:	negative
Growth Properties:	suspension
Karyotype:	Karyotype 100% stable within male diploid stemline of 46. Cells with 47 chromosomes frequently contained an extra "E" group chromosome. There is 6% polyploidy and occasional disparity in the size of the homologs of the number 1 chromosome and the number 4 chromosome.
Subculturing:	Cultures can be maintained by addition of fresh medium or replacement of medium. Alternatively the cells may be collected by centrifugation. Cultures can then be established by

BEST AVAILABLE COPY

	resuspending the cells in fresh medium at 4×10^5 viable cells/ml. A maximum of 3×10^6 viable cells/ml is obtainable.
Fluid Renewal:	Every 2 to 3 days
Freeze Medium:	culture medium 95%; DMSO, 5%
Applications:	transfection host
DNA Profile (STR):	Amelogenin: X,Y CSF1PO: 10,12 D13S317: 13 D16S539: 8,11 D5S818: 10,13 D7S820: 10 TH01: 6,7 TPOX: 8,13 vWA: 16,19
References:	RF32578: Pulvertaft RJ. Cytology of Burkitt's tumour (African lymphoma). Lancet 1: 238-240, 1964 RF32605: Epstein MA and Barr YM. Characteristics and mode of growth of a tissue culture strain (EB1) of human lymphoblasts from Burkitt's lymphoma. J. Natl. Cancer Inst. 34: 231-240, 1965 RF32983: Ohsugi Y et al. Tumorigenicity of human malignant lymphoblasts: comparative study with unmanipulated nude mice, antilymphocyte serum-treated nude mice, and X- irradiated nude mice. J. Natl. Cancer Inst. 65: 715-718, 1980 PubMed: 81028722 RF33002: Moore PS et al. Primary characterization of a herpesvirus agent associated with Kaposi's sarcoma. J. Virol. 70: 549-558, 1996 PubMed: 96099469 RF36534: Epstein MA et al. Morphological and virological investigations on cultured Burkitt tumor lymphoblasts (strain Raji). J. Natl. Cancer Inst. 37: 547-559, 1966 PubMed: 67042805 RF36535: Trans. N.Y. Acad. Sci. 29: 61, 1966 RF42259: Clark RA et al. Tenascin supports lymphocyte rolling. J. Cell Biol. 137: 755-765, 1997 PubMed: 97296342 RF42308: Rich SA et al. Purification, microsequencing, and immunolocalization of p36, a new interferon-alpha-induced protein that is associated with human lupus inclusions. J. Biol. Chem. 271: 1118-1126,

BEST AVAILABLE COPY

	1996 PubMed: 96132854
Propagation:	ATCC medium: RPMI 1640 medium with 2 mM L-glutamine adjusted to contain 1.5 g/L sodium bicarbonate, 4.5 g/L glucose, 10 mM HEPES, and 1.0 mM sodium pyruvate., 80-90%; <u>fetal bovine serum</u> , 10-20% Temperature: 37C
Related Products:	Recommended medium (without the additional supplements or serum described under ATCC Medium) -- ATCC 30-2001 recommended serum 30-2020 derivative CCL-214
BioSafety:	Handle as potentially biohazardous material under at least Biosafety Level 2 containment.
Passage submitted to the ATCC:	100
Virus Resist:	The cells are partially resistant to poliovirus and vesicular stomatitis viruses.
BioSafety Level:	2
Shipped:	Frozen
Price:	\$167.00
Revised :	Apr 24, 2001

Pricing Note:

Prices are quoted in U.S. dollars and apply to all for-profit companies and all institutions outside the U.S. and Canada except those in Europe, Japan, Korea and Taiwan. Customers in Europe, Japan, Korea and Taiwan must contact their local distributors for pricing information. A discount of 20% off list price is offered to nonprofit institutions in the U.S. and Canada for most cultures.

Cultures special ordered as test tubes, stabs or flasks, carry an additional laboratory fee of \$75.00 each. Minimum invoicing is \$45.00. Orders received for lesser amounts will be invoiced at the minimum. Terms: Net 30 from date of invoice. NO COD orders or Letters of Credit accepted. ATCC Accepts VISA, MasterCard and American Express.

Shipping Charges

All materials are shipped FOB Manassas, freight prepaid via carrier of our choice and added to your invoice. Packaging is extra.

All ATCC fees for cultures and services are subject to change without notice.

Questions or Comments?

Copyright © 2001
American Type Culture Collection, 10801 University Boulevard, Manassas, VA 20110-2209
All rights reserved.

BEST AVAILABLE COPY